

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



26310 XSL Red DPP, PR 254

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Revised edition: 16.06.2025

Version: 1.14

Printed: 20.08.2025

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: XSL Red DPP, PR 254

Article No.: 26310

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Coloring agent for dye and varnish industry

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

EMail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

This product is capable of dust explosion under certain

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circumstances.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Organic pigment, dispersing aid. Pigment Red 254, C.I. 56110 Mixture

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

*If symptoms occur, or in case of doubt seek medical advice.
Never give anything by mouth to an unconscious person.
Stable side position in case of unconsciousness.*

After inhalation:

*Give artificial respiration in case breathing is not regular or if it has stopped.
Supply fresh air and seek medical advice in case of complaints.*

After skin contact:

*Wash with plenty of water and soap. Remove contaminated clothing and shoes.
Do not use solvents or thinners.*

After eye contact:

*Remove contact lens.
Rinse open eyes with plenty of water for at least 15 minutes.*

After ingestion:

*Immediately get medical help.
Do not induce vomiting.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

Exposure to high concentrations of dust may result in upper respiratory tract (nose and throat) and pulmonary irritation.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-Fighting Measures

5.1. Extinguishing Media

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Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray.

Unsuitable extinguishing media:

Water with full jet.

5. 2. Special Hazards arising from the Substance or Mixture

Special hazards:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

In case of fire: formation of carbon oxides, nitrogen oxides and fumes.

5. 3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Hazard depends on the burning substances and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6. Accidental Release Measures

6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid inhalation of dust.

Wear protective clothing.

6. 2. Environmental Precautions

Environmental precautions:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6. 3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with non-flammable absorbent material (e.g. sand, diatomaceous earth, vermiculite) and dispose accordingly.

Clean polluted area with water or other cleaning fluids.

Do not use solvents for cleaning.

Contain with dust binding material and dispose accordingly.

6. 4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust. Do not inhale dust.

Wear adequate protective clothing (see para. 8).

Hygienic measures:

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*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Clean contaminated clothing before entering eating areas.*

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a well ventilated location.
Protect against heat, ignition sources and direct sunlight.*

Requirements for storage areas and containers:

*Keep container tightly closed.
Close open containers with care and store in an upright position to avoid spilling.*

Information on fire and explosion protection:

Do not store together with ignitable sources, heat and fire.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

No occupational exposure limits known.

Parameters to be controlled:

No occupational exposure limits known.

Derived No-Effect Level (DNEL):

PNEC (Predicted No-Effect Concentration):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Adequate ventilation to control airborne concentrations below the exposure limits.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Wash contaminated clothes before reuse.

Respiratory protection:

Suitable respiratory protection for lower concentration or short-

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term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

Hand protection:

*Chemical protective gloves (EN 374 (Europe), F739 (US)).
The manufacturer's directions for use should be observed because of the great diversity of types.*

Protective glove material:

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: granules

Color: red

Odor: odorless

Odor threshold:
no information available

pH-Value: 8.5-10.5 (100 g/l, suspension)

Melting temperature:
not determined

Boiling temperature:
not determined

Flash point:
not applicable

Evaporation rate:
This product is a non-volatile solid.

Flammability (solid, gas):
not highly flammable

Upper explosion limit:
no information available

Lower explosion limit:
no information available

Vapor pressure:

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not applicable

Vapor density:

This product is a non-volatile solid.

Density:

1.43 g/cm³

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not applicable

Auto-ignition temperature:

Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)

226°C; Test type: Spontaneous self-ignition at elevated temperature (Method: VDI 2263, Sheet 1, 1.4.1)

No self ignition was observed up to the specified temperature.

> 400°C; Test type: Spontaneous self-ignition at elevated temperature (Method: VDI 2263, Sheet 1, 1.3)

Decomposition temperature:

< 300 J/g (DDK (DIN 51007))

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

not oxidizing

Bulk density:

300 - 600 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Minimum ignition energy: The product is capable of dust explosion.

Burning rate: 200 mm

Self-heating ability: This product is not a self-heating substance according to the UN class 4.2 (UN Test N.4)

Ignition temperature: 420°C

Hygroscopy: not hygroscopic

10. Stability and Reactivity

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| | | |
|-------|---|---|
| 10.1. | Reactivity | <i>Stable if used according to specifications.</i> |
| 10.2. | Chemical Stability | <i>Stable if used according to specifications.</i> |
| 10.3. | Possibility of Hazardous Reactions | <i>Risk of dust explosion.</i> |
| 10.4. | Conditions to Avoid <i>Conditions to avoid:</i> <i>Thermal decomposition:</i> | <i>Exposure to high temperatures can form hazardous decomposition products.</i> |
| 10.5. | Incompatible Materials | <i>Strong acids, strong bases, oxidizing agents.</i> |
| 10.6. | Hazardous Decomposition Products | <i>None if stored and handled according to specifications.</i> |
| 10.7. | Further Information | |

11. Toxicological Information

| | | |
|--------|---|--|
| 11. 1. | Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008 | <i>Exposure to airborne concentrations above the legal or recommended limits may cause irritation of the nose, throat and lungs.</i> |
| | <i>Acute Toxicity</i> | <i>Practically not toxic after a single oral exposure.</i> |
| | <i>LD50, oral:</i> | <i>> 5000 mg/kg (rat; ATE)</i> |
| | <i>LD50, dermal:</i> | <i>> 5000 mg/kg (rat; ATE)</i> |
| | <i>LC50, inhalation:</i> | <i>No information available.</i> |
| | <i>Primary effects</i> | |
| | <i>Irritant effect on skin:</i> | <i>No irritant effect known.</i> |
| | <i>Irritant effect on eyes:</i> | <i>No irritant effect known.</i> |
| | <i>Inhalation:</i> | <i>No information available.</i> |
| | <i>Ingestion:</i> | <i>No information available</i> |
| | <i>Sensitization:</i> | <i>Non sensitizing (guinea pig; OECD 406).</i> |
| | <i>Mutagenicity:</i> | <i>No mutagenic effects known.</i> |

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Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No cancerogenic effect known.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

Single exposure: no organospecific toxicity expected.

Repeated exposure: no information available.

Aspiration hazard:

No risk of aspiration.

11. 2. Information on other Hazards

No further information available.

12. Ecological Information

12. 1. Aquatic Toxicity

Not hazardous for aqueous organisms.

The product has not been tested. The statement has been derived from the properties of the individual components.

Fish toxicity:

LC50: > 100 mg/l (96h, Leuciscus idus)

Daphnia toxicity:

No information available.

Bacteria toxicity:

No data available.

Algae toxicity:

No information available.

12. 2. Persistency and Degradability

Colorants are by their nature very stable and are therefore not readily biodegradable under conditions prevailing in surface water or in effluent treatment plants.

12. 3. Bioaccumulation

Bioaccumulation is not to be expected.

12. 4. Mobility

Does not evaporate from the surface of the water to the atmosphere.

Adsorption to solid soil phase is not expected.

12. 5. Results of PBT- und vPvP Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

12. 6. Endocrine Disrupting Properties

No data available.

12. 7. Other Adverse Effects

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Water hazard class:

1 (German Regulation) (Assessment by list): slightly hazardous.

Behaviour in sewage systems:

No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.

Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

Product contains according to the formulation, organically bound halogen. It can increase the AOX-value in the water purification plants overflow or if it reaches waters.

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

European Waste Code (EWC):

040217 - Dyestuffs and pigments other than those mentioned in 040216

Uncleaned packaging:

Contaminated packaging must be disposed like the substance. Non contaminated packaging can either be recycled or utilized for energy (incineration).

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

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not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

none known

14. 7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (according to the German Regulation AwSV)

Local regulations on chemical accidents:

Seveso III Directive: not applicable under Directive 2012/18/EC.

Employment restrictions:

Restriction and prohibition of application:

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable

Technical instructions on air quality:

5.2.1.: 81 %; 5.2.5.: 18.9 %

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable
Regulation (EC) 2037/2000 - Substances that Deplete the Ozone Layer: not regulated / not applicable
Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable

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Regulation on Persistent Organic Pollutants (POP): not listed

Listed in the following inventories:

TSCA (US)

VOC Content: 0 %

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.

CEPE Code: 7